

### Claim Amendment

Claims 1-9 (canceled)

Claim 10 (currently amended) A device for the detection of an altered state in a system containing a liquid medium, said device comprising: a tube housing a heating means to establish and maintain the internal temperature of said tube; a temperature sensing means located within the tube to monitor and detect changes in temperatures within the tube; and, a signal means to provide a signal indicating a temperature increase within the tube thereby alerting of the existence of an altered state.

Claim 11 (original) The device according to claim 10 wherein the system containing a liquid medium is a dishwasher.

Claim 12 (original) The device according to claim 10 wherein the system is a water heater.

Claim 13 (original) The device according to claim 10 wherein the system is a boiler.

Claim 14 (original) The device according to claim 10 wherein the altered state is the accumulation of scale.